

EJERCICIO DE VALORACIÓN DE AMENAZA PARA ZONA DE MARCOVIA EN CEDEÑO

PARTICIPANTES

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FERNANDO CASTRO

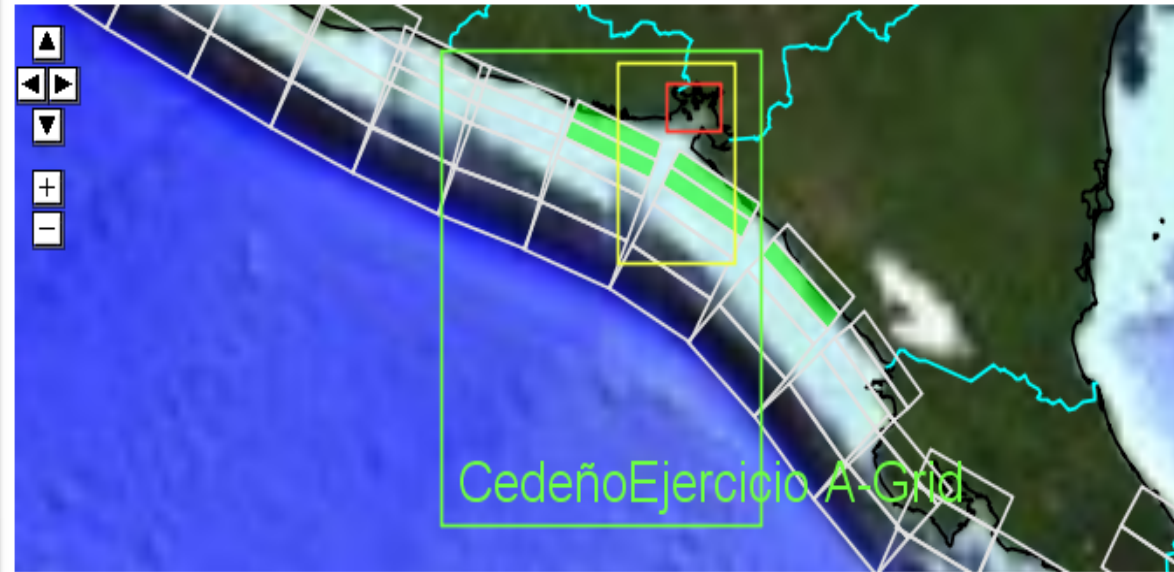
RUDI ARGEÑAL

UBICACIÓN DE LAS FUENTES (5) (TIME STEP) 3.6300

Model Run: C:\Users\ANALY\ComMIT\scratch\CedeñoEjercicio

Event:

Unit Sources



Total Magnitude: 8.0 Mw

| Name | % Mag | Alpha |
|-------|-------|-------|
| cs23x | 20.0 | 1.122 |
| cs23y | 20.0 | 1.122 |
| cs24x | 20.0 | 1.122 |
| cs24y | 20.0 | 1.122 |
| cs25y | 20.0 | 1.122 |

Add/Del

to Site

Model Parameters

0.0050 Minimum amp. of input offshore wave (m)

5.0 Minimum depth of offshore (m)

0.1 Dry land depth of inundation (m)

0.0009 Friction coefficient (n^2)

☒ Let A-Grid and B-Grid run up

300.0 Max eta before blow-up (m)

3.6300 Time step (sec)

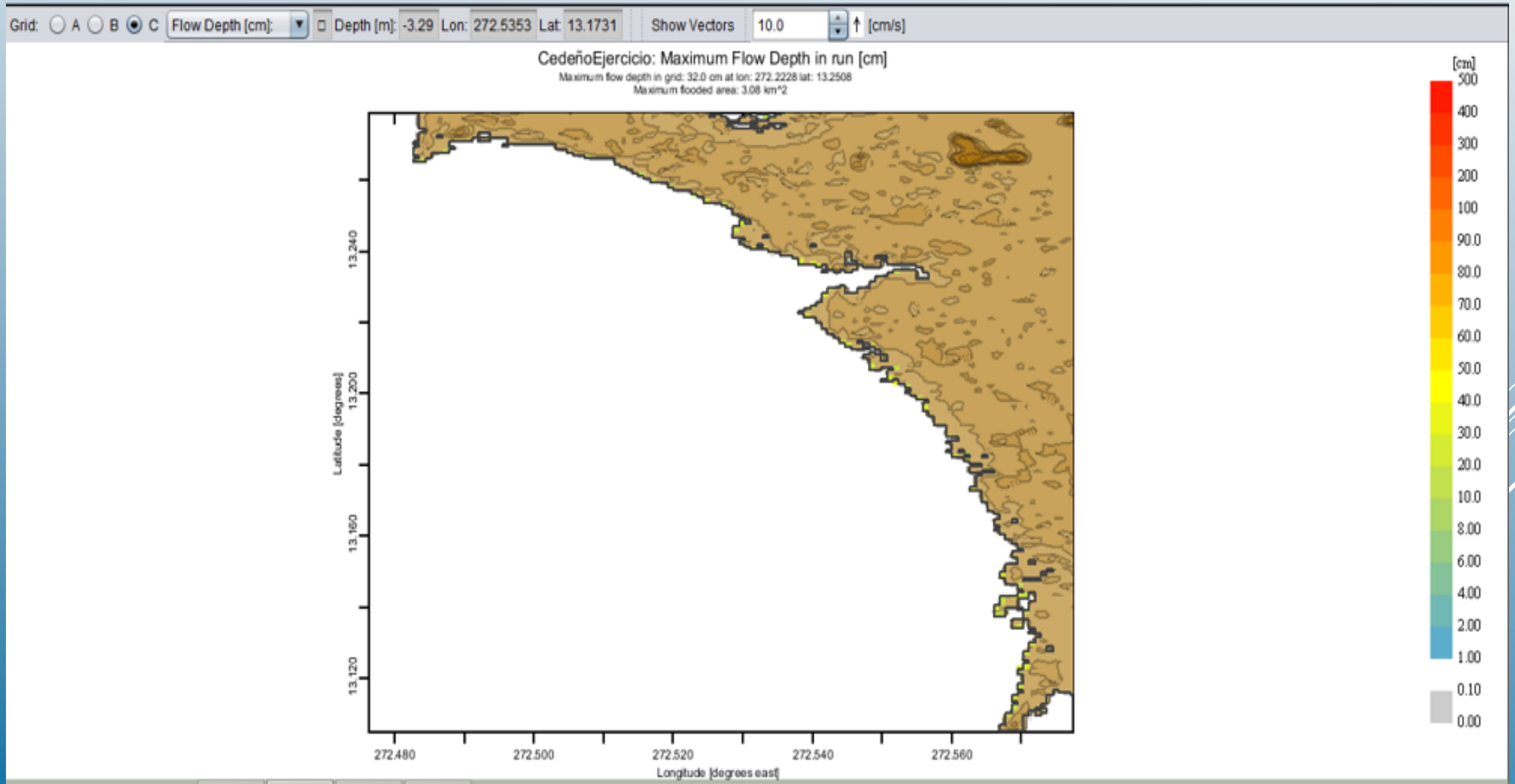
4000 Total number of time steps in run

Model output log

Total number of inundated points: 364
saving restart file
done saving restart file
calculating maximums
saving maximums to _sift.nc
MOST v2.5 Rev: 2880 2015-07-30 15:59:03
elapsed secs: 1481.8281 ,user: 1444.8906 ,sys: 36.937500
clock time: 1619 secs, 26.983335 minutes
Run finished

AREA DE INUNDACIÓN : **3.8 KM²**

(8)

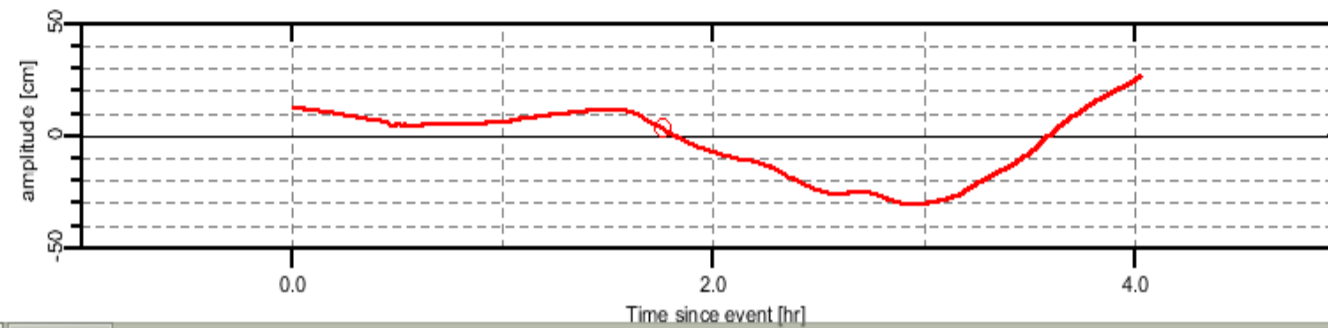
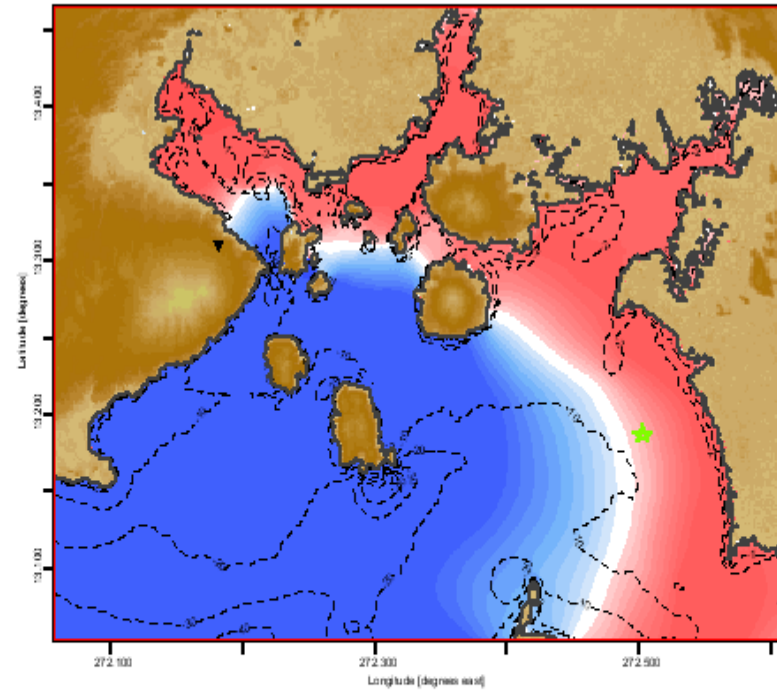


ALTURA MÁXIMA DE OLA : 30 CM

Grid: ☐ A ☐ B ☒ C Lat: Lon: Depth: [m], Amp: [cm] Show Vectors [cm/s]

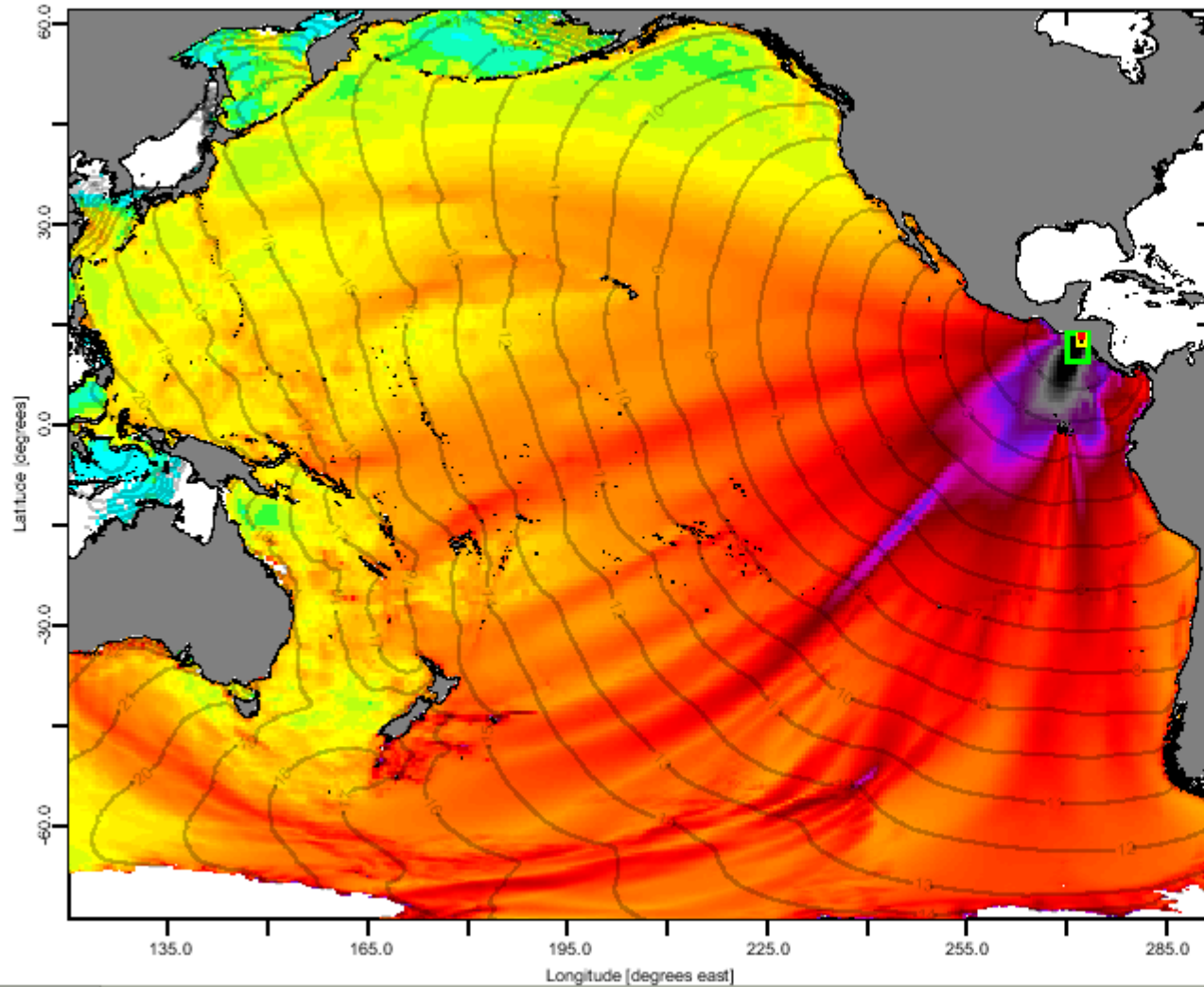
CedeñoEjercicio: Wave Amplitude [cm]

1.122e22e+1.622e22e+1.122e22e+1.122e22e+1.122e22e
Time step: 194 of 444 — h:min:sec after event: 01:45:37

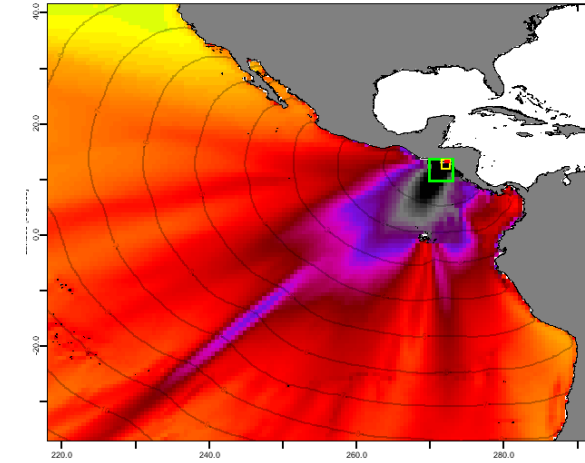


DIRECCIÓN DE LA ENERGÍA : SUR OESTE

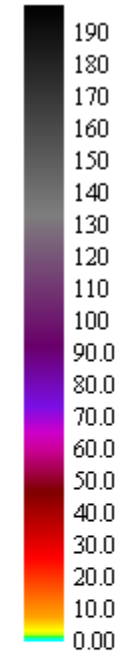
CedeñoEjercicio Initial Condition Maximum Amplitude [cm]



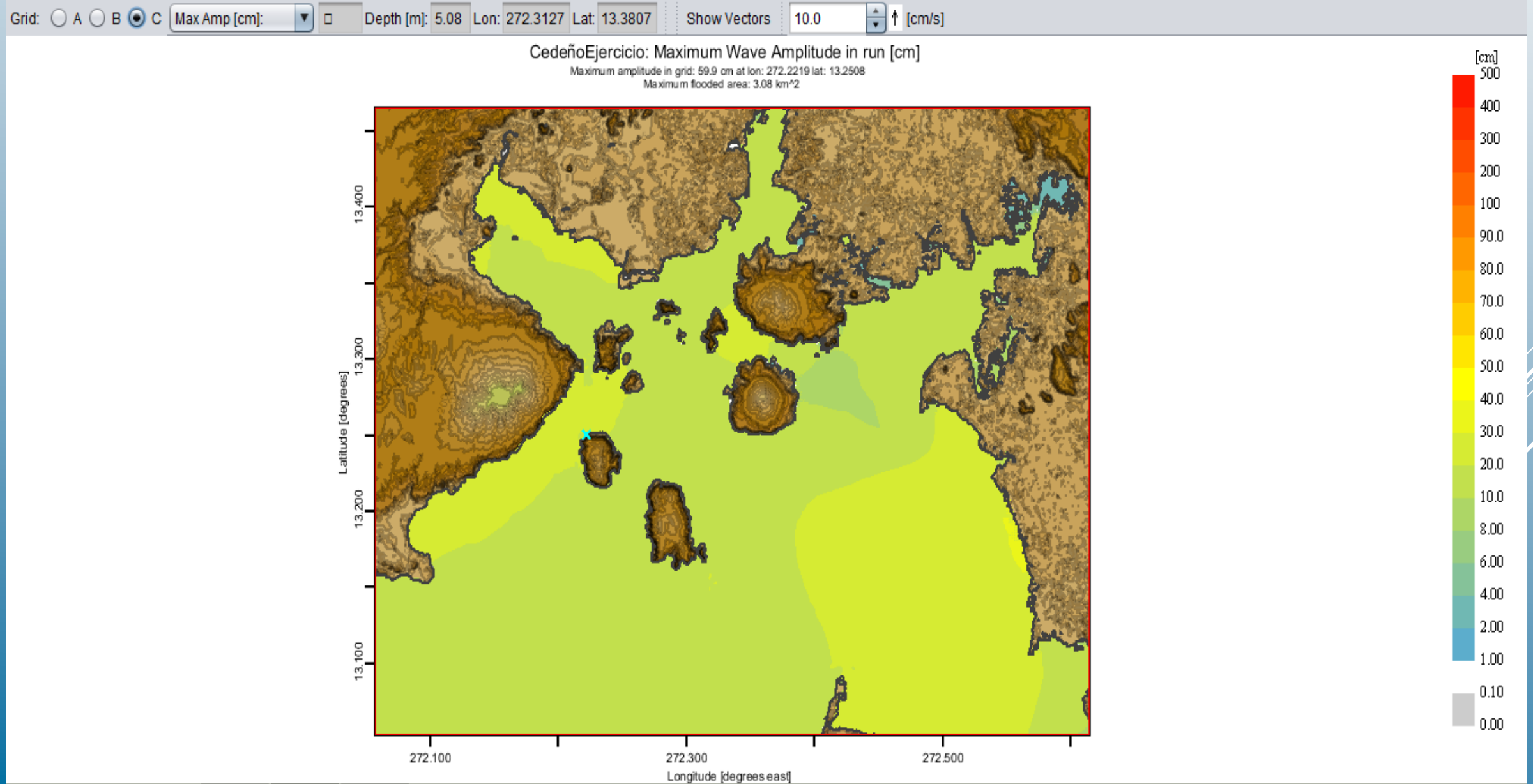
CedeñoEjercicio Initial Condition Maximum Amplitude [cm]



[cm]



MÁXIMA AMPLITUD DE OLA : 59.9 CM GRID C

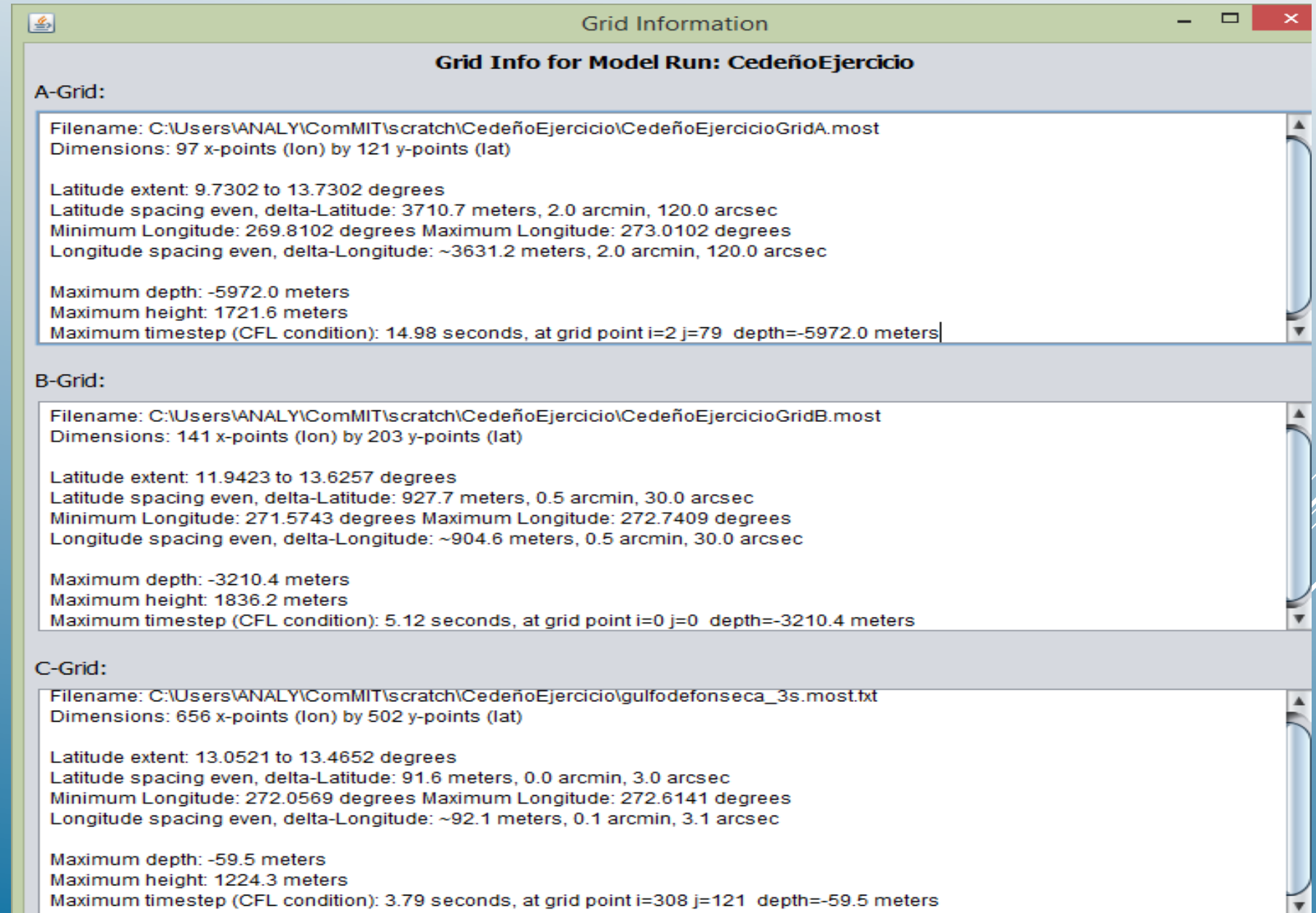


RESOLUCIÓN DE LA MALLA:

120.0 arcsec

30.0 arcsec

3.1 arcsec



REGIONAL

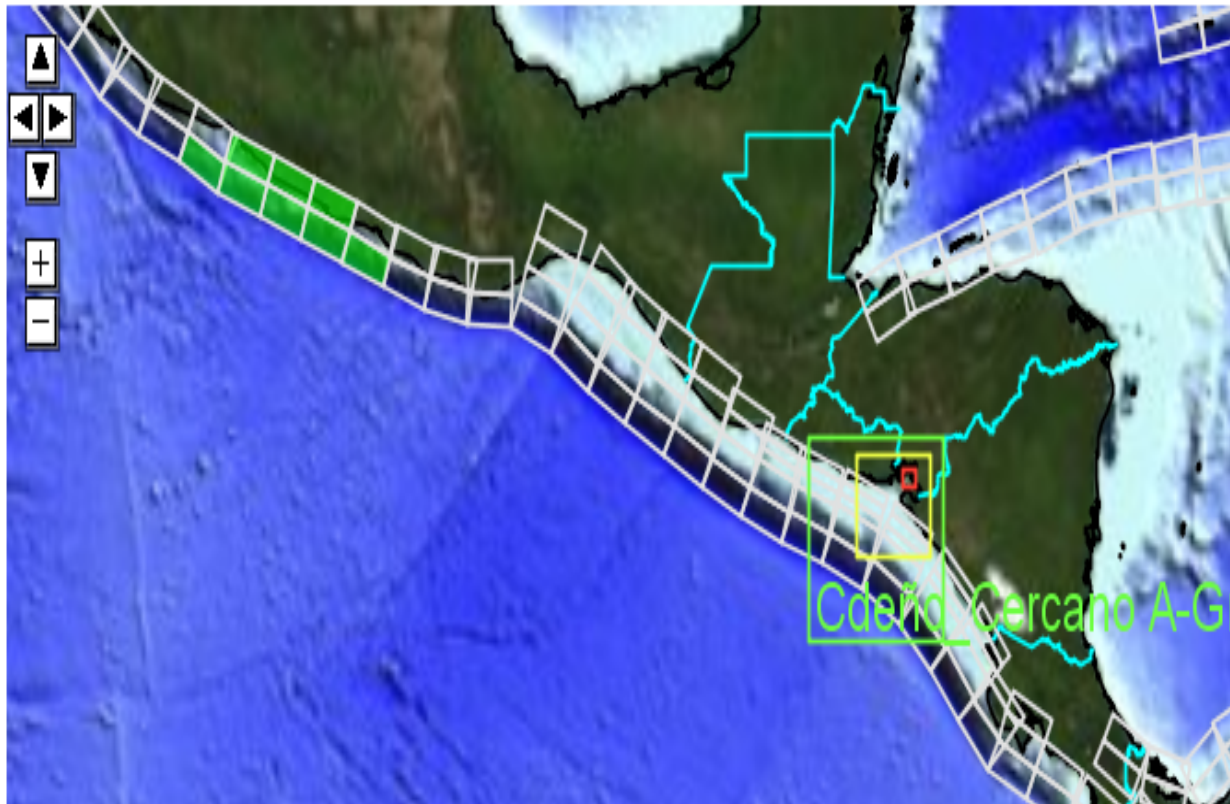


UBICACIÓN DE LAS FUENTES (8) (TIME STEP) 4.6300

Model Run: C:\Users\ANALY\ComMIT\scratch\Cdeño_Cercano

Event:

Unit Sources



Total Magnitude: 9.2 Mw

| Name | % Mag | Alpha |
|-------|-------|--------|
| cs7b | 12.5 | 45.817 |
| cs8a | 12.5 | 45.817 |
| cs8b | 12.5 | 45.817 |
| cs9a | 12.5 | 45.817 |
| cs9b | 12.5 | 45.817 |
| cs10a | 12.5 | 45.817 |
| cs10b | 12.5 | 45.817 |

Add/Del

to Site

Model Parameters

0.0050 Minimum amp. of input offshore wave (m)

5.0 Minimum depth of offshore (m)

0.1 Dry land depth of inundation (m)

0.0009 Friction coefficient (n^2)

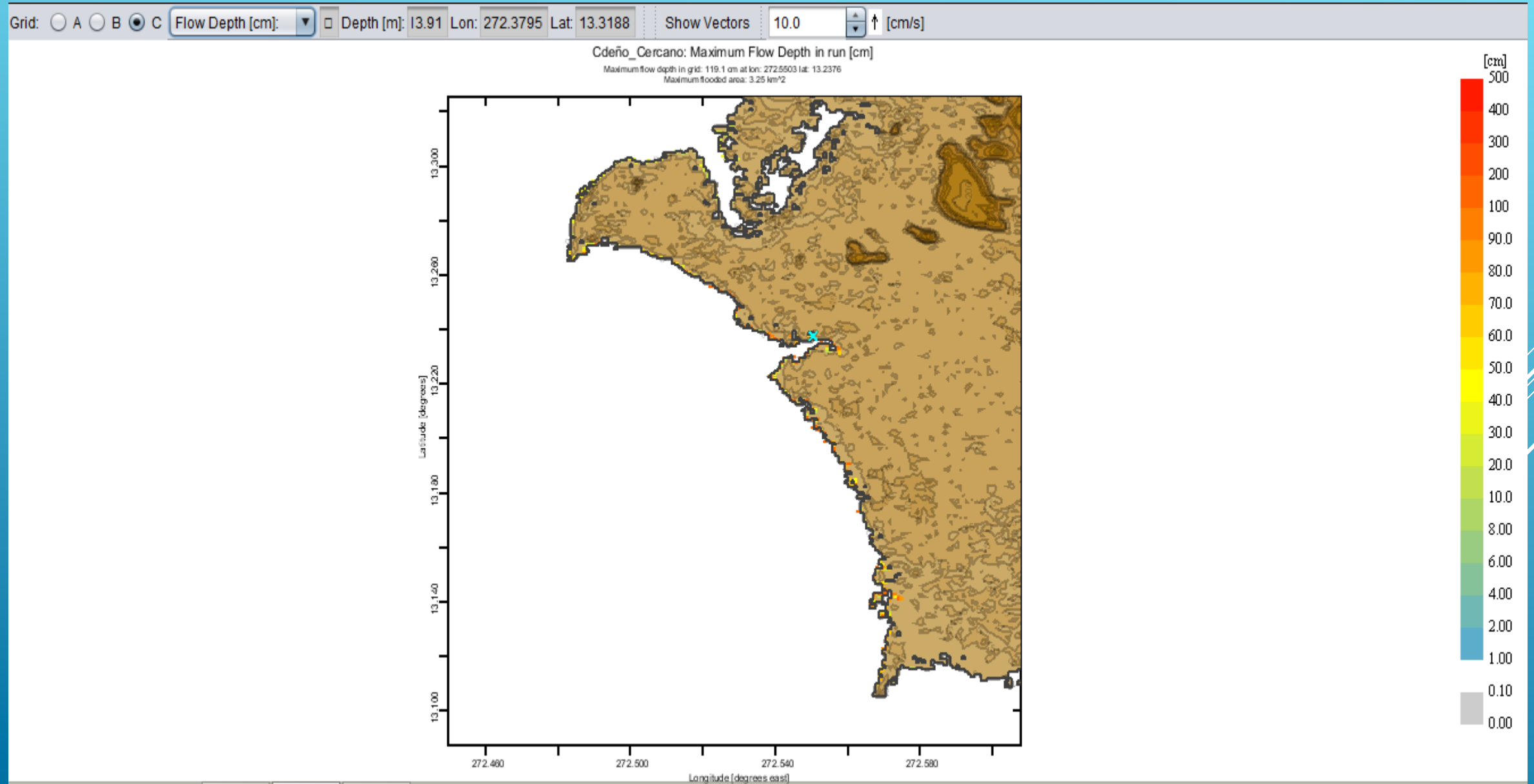
☒ Let A-Grid and B-Grid run up

300.0 Max eta before blow-up (m)

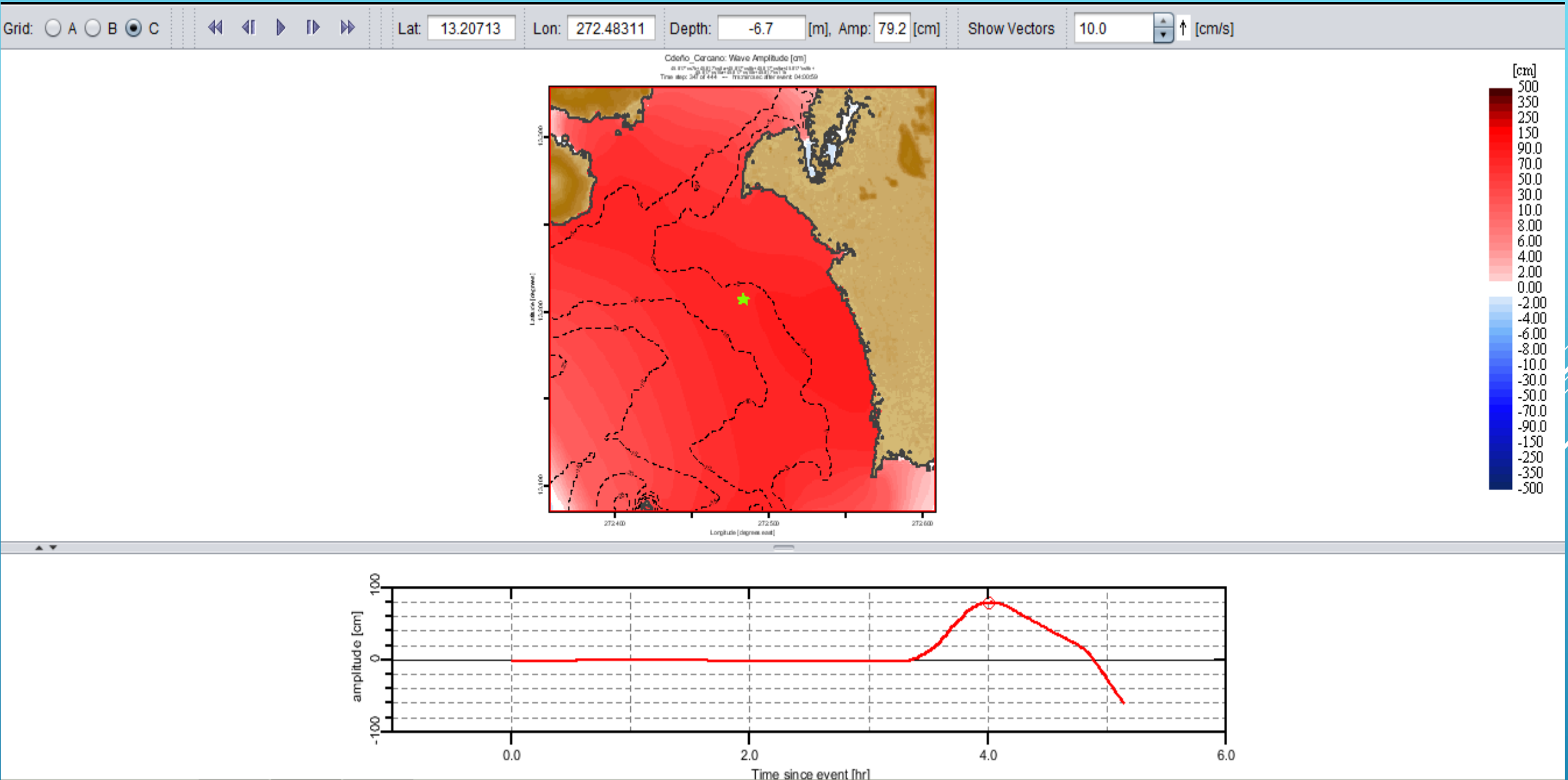
4.6300 Time step (sec)

4000 Total number of time steps in run

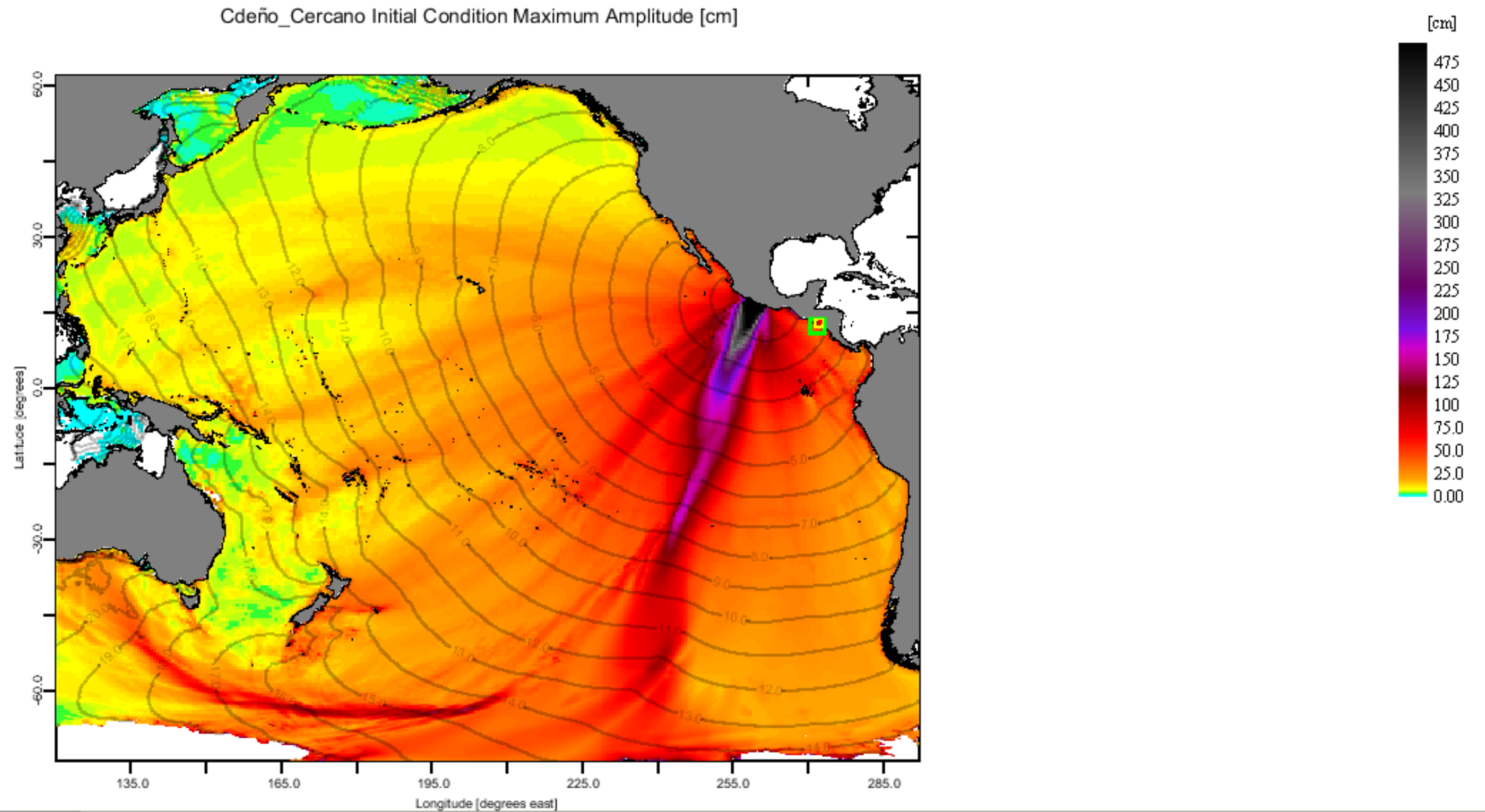
AREA DE INUNDACIÓN : **3.25 KM²**



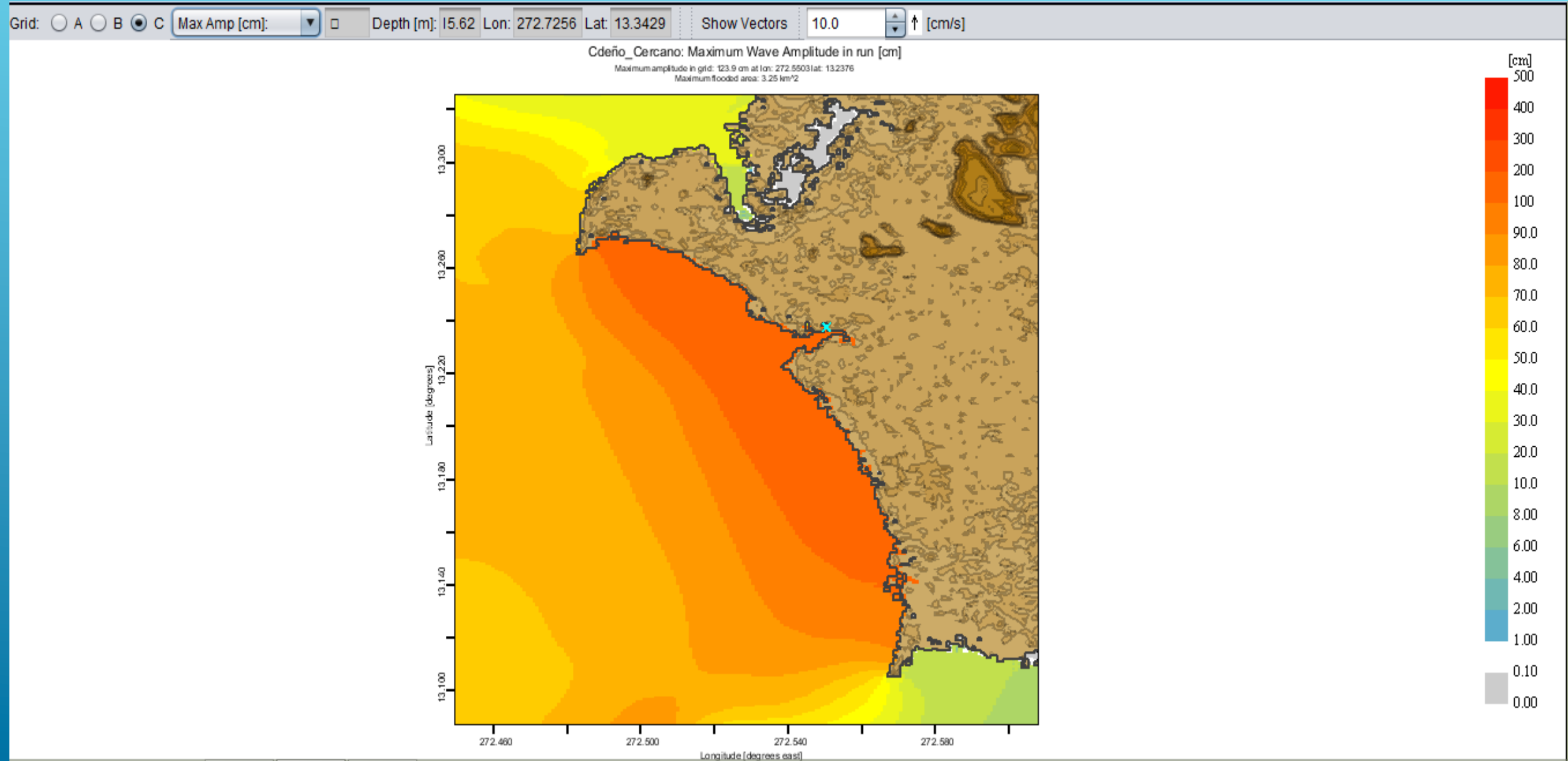
ALTURA MÁXIMA DE OLA : 80 CM



DIRECCIÓN DE LA ENERGÍA : SUR OESTE



MÁXIMA AMPLITUD DE OLA : 123.9 CM GRID C



RESOLUCIÓN DE LA MALLA:

120 arcsec

30 arcsec

3.1 arcsec

